Docket No.   AUS920010995US1

ABSTRACT OF THE DISCLOSURE

METHOD, APPARATUS, AND PROGRAM FOR A STATE MACHINE FRAMEWORK

A programming framework is provided for designing
5   and implementing software state machines. A state
machine initializer may be created that defines the
states, conditions, actions, triggers, and state
transitions for the software state machines. A set of
user interfaces, such as graphical user interfaces, may
10 also be provided for creating initializers. An abstract
state machine object may then be created that creates an
instance of a particular state machine initializer. The
state machine initializer acts as a helper to the state
machine object, which uses the initializer to create an
15 array of state transition objects. Once the state
machine objects creates the array of state transition
objects, the state machine is ready to run. A set of
programming interfaces may also be provided to define the
programming framework.